

D/ODP

DD/A Registry
83-0343

ODP-83-102  
26 January 1983

MEMORANDUM FOR: Deputy Director for Administration

THROUGH : Chief, Interactive Systems Branch  
Chief, Systems Programming Division  
Deputy Director for Processing, ODP  
Director of Data Processing

FROM :   
Interactive Systems Branch, SPD/ODP

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SUBJECT : Request to Appear Before a Non-Government Group

1. We request permission for  to appear before a non-Government group as provided for in  will enter-on-duty with the Agency on February 14th.

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2. When approved, she will speak at the SHARE 60 Conference in San Francisco, California on February 23rd. She will also chair two meetings at the same conference. She will be attending the conference as a representative of the Agency and she is serving as Deputy Manager of the VM/System Management Project within the SHARE organization.  has been representing her current employer,  and it has been decided to continue support for her participation in SHARE as being in the Agency's interest. The audiences are expected to be comprised of about 400 persons from the United States and Canada representing organizations running large IBM computers. The meetings will be held in the San Francisco Hilton Hotel; the risk to employee safety is minimal. Members of the press are barred from attending sessions at this conference.

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3. None of the material to be presented is classified or controversial. She will present a tutorial describing techniques of testing operating systems software. As a senior systems programmer,  is qualified to give the presentation. Her remarks will be extemporaneous; the outline is attached. She will also chair two meetings:

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- a. VM/System Management Project Working Session. Requirements for enhanced facilities to control access to data in large-scale, interactive computing systems will be discussed.
- b. More on VM Paging. A comprehensive analysis of storage management techniques for interactive computing systems will be presented. The speakers will be computer performance analysts from IBM Corporation.

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The Agency is in the forefront of interactive computing technology. It is through these presentations that we are able to attract skilled computer scientists (such as [redacted] to the Agency, as well as to influence the decisions of the computer vendors upon whom we are dependent.

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4. She [redacted] will be identified as an Agency employee. She will also give the standard disclaimer that the views presented are her own and not necessarily those of the Agency.

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Attachment

TITLE OF PRESENTATION: VM Under VM Tutorial

TITLES OF SESSIONS: VM/System Management Project Working Session  
More on VM Paging

APPROVED:



31 JAN 1983

Date

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Signed: James H. McDonald

Harry E. Fitzwater, DDA

3 FEB 1983

Date

ODP/P/SPD/ISB, [redacted] 26 January 1983/EXREQ83D

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Dist:

Orig - Addressee (Orig to be returned to Originator)

2 - DDA

(2) - D/ODP

1 - C/PAB/OEXA

1 - C/EAB/SSD/OS w/Form 879

1 - VM/SP Project

2 - ODP/Registry

3 - ODP/SPD

## Attachment

### I. Goals and Uses

- A. Test fixes and enhancements to CP
- B. Test CP and CMS interfaces
- C. Initial testing of new releases
- D. Perform path length determination
- E. Production -- limited access to new/old facilities

### II. Requirements

- A. System residence volume
- B. Directory
- C. Spool, paging and dump space
- D. Saved systems
- E. I/O devices (disk, tape, unit-record, tape)

### III. Accomodations in Production System

- A. Real I/O definitions for 190-19F
- B. Saved systems on system volume without spooling
- C. Sysres allocations to minimize updates (ERR, NUC, CKPT)
- D. Observe 6-P principle
- E. Use control files to distinguish between systems

### IV. Potential Problems

- A. Things may behave differently
- B. Hardware assists are not available
- C. Hardware functions (such as SIGP) are not available